

FEE TRANSMITTAL


Complete if Known	
Application No.	09/960,626
Filing Date	September 21, 2001
First Named Inventor	Michael Merchant
Title	MULTIPLE REGION CONVOLVER WITH TAPERING
Group Art Unit	2182
Examiner Name	
Total Amount of Payment \$ 996	Atty. Docket Number M93.12-0238

METHOD OF PAYMENT (Check One)

1. The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.
Westman, Champlin & Kelly, P.A.

2. PTO-2038 Enclosed

FEE CALCULATION
1. BASIC FILING FEE

Large Entity		Small Entity		
Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
101	740	201	370	<input checked="" type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Prov. Filing Fee
Subtotal (1) \$ 740				

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	27	20	7	18	126
Indep.	3	3	0	84	0

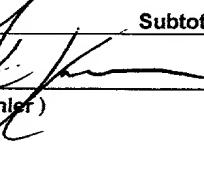
Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity		Small Entity		Description
Fee	Fee	Fee	Fee	Description
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent Claims
109	84	209	42	Reissue Independent Claims over Original Patent
110	18	210	9	Reissue claims in excess of 20 and over original patent
Subtotal (2) \$ 126				

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)
105	130	205	65 Surcharge - Late filing fee or oath
127	50	227	25 Surcharge - Late provisional Filing Fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For Filing a Request for Reexamination. (ex parte)
115	110	215	55 Extension for reply within first month
116	400	216	200 Extension for reply within second month
117	920	217	460 Extension for reply within third month
118	1,440	218	720 Extension for reply within fourth month
128	1,960	280	980 Extension for reply within fifth month
120	320	220	160 Filing a brief in support of an appeal
121	280	221	140 Request for oral hearing
148	110	248	55 Terminal Disclaimer Fee
140	110	240	55 Petition to Revive - unavoidable
141	1,310	241	670 Petition to Revive - unintentional
142	1,310	242	670 Utility/Reissue issue fee (inc. advance copies)
143	490	243	260 Design issue fee (inc. advance copies)
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	180	126	180 Submission of Information Disclosure Statement
581	40	581	40 Recording each patent assignment per property (times number of properties)
Other Fee (specify) _____			
Subtotal (3) \$130			

Signature 
(Steven M. Koehler)

Reg. No. 36,188

Date 1/14/01

Deposit Account No. 23-1123



sector 21

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Michael Merchant

Appln. No.: 09/960,626

Filed : September 21, 2001

For : MULTIPLE REGION CONVOLVER WITH
TAPERING

Docket No.: M93.12-0238

Group Art Unit: 2182

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

12 DAY OF November, 2001.


PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted dated October 18, 2001, Applicant encloses the following documents to complete the above-identified patent application filed September 21, 2001:

1. Our check in the amount of \$966.00 (to cover the filing fee \$836 and surcharge fee of \$130.00).
2. Combined Declaration and Power of Attorney executed by the inventor(s).
3. Fee Calculation Sheet.
4. Notice to File Missing Parts of Application-Filing Date Granted.
5. Letter to Official Draftsman (Proposed Corrections) and Submission of Formal Drawings.

6. Corrected FIG. 11 (correction in red).
7. Complete set of formal drawings (15 sheets).

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,
WESTMAN, CHAMPLIN & KELLY, P.A.

By:


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SMK:jmb

OCT 22 2001

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/960,626	09/21/2001	Michael Merchant	M93.12-0238



Steven M. Koehler
 WESTMAN CHAMPLIN & KELLY
 Suite 1600 - International Center
 900 South Second Avenue
 Minneapolis, MN 55402-3319

CONFIRMATION NO. 4288

FORMALITIES LETTER



OC000000006932452

Date Mailed: 10/18/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$126.
 - \$126 for 7 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 966.**

01/14/2002 MBERHE 00000026 09960626

01 FC:101	740.00	OP
02 FC:105	130.00	OP
03 FC:103	126.00	OP

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A *J*
A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

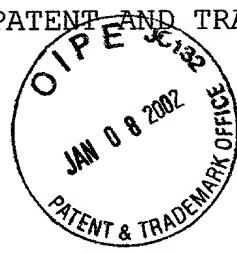
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Inventor : Michael Merchant

Appln. No.: 09/960,626

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Docket No.: M93.12-0238



Group Art Unit:2182

**LETTER TO OFFICIAL DRAFTSMAN (PROPOSED CORRECTIONS)
AND SUBMISSION OF FORMAL DRAWINGS**

Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS
BEING SENT BY U.S. MAIL, FIRST CLASS,
TO THE ASSISTANT COMMISSIONER FOR
PATENTS, WASHINGTON, D.C. 20231, THIS

12 DAY OF November, 2001.

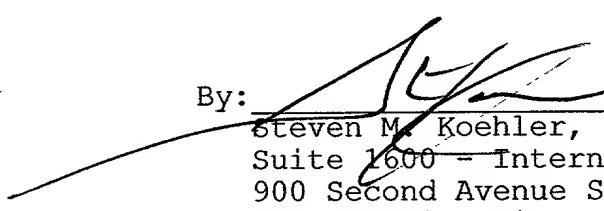

PATENT ATTORNEY

Sir:

Applicant respectfully request correction of FIG. 11 as indicated in red in the attached sheet. Specifically, both inputs to the summer for signals 77 and 79A should be positive as indicated in FIG. 4B (See also page 18, lines 14-18). A complete set of formal drawings are submitted herewith along with the correction indicated above.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

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